

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete If Known

Application Number	10/816,123
Filing Date	04/01/2004
First Named Inventor	Jacobson
Art Unit	2173
Examiner Name	Unassigned
Attorney Docket Number	JACO0001

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
PK	a	US- 7,006,881	02-2006	Hoffberg et al	
	b	US- 2003/0115490	06-2003	Russo et al	
	c	US- 2003/0184589	10-2003	Yamada et al	
	d	US- 2005/0057339	03-2005	Ikehara et al	
	e	US- 2006/0064415	03-2006	Guyon et al	
	f	US- 2006/0101163	05-2006	Lu	
	g	US- 2006/0155398	07-2006	Hoffberg et al	
	h	US- 2006/0202956	09-2006	Lu	
	i	US- 6,400,996	06-2002	Hoffberg	
✓	j	US- 6,601,192	06-2003	Bowman-Amuah	
	k	US-			
	l	US-			
	m	US-			
	n	US-			
	o	US-			
	p	US-			
	q	US-			
	r	US-			
	s	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
PK	AA	WO 2004097601	11-2004	Ahmend et al		
	BB	EP 1349046	02-2003	Fujitsu Ltd.		
	CC	WO 2002103954	12-2002	Blowulf Tech.		
	DD	WO 2003083758	10-2003	Bank25 Co., Ltd.		
	EE	JP 111119906	04-1999	Taisei Corp.		
✓	FF	JP 2004054395	02-2004	Nippon Electric Co.		

Examiner Signature

Date Considered

10/14/06

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Sheet 2 of 4

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		Number-Kind Code ² (if known)			
t	US-				
u	US-				
v	US-				
w	US-				
x	US-				
y	US-				
z	US-				
a1	US-				
a2	US-				
a3	US-				
a4	US-				
a5	US-				
	US-				

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
PK	GG	EP 1685794	11-2004	Sony Corp.		
✓	HH	WO 2003007125	01-2003	Icontrol Transactions Inc		
	II					
	JJ					
	KK					
	LL					

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10/14/08

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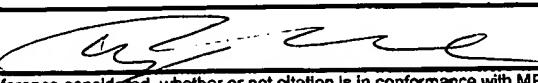
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Sheet	3	of	4
		Attorney Docket Number	
		JACCO0001	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PK	A	GAMBOA, H. et al.; A Behavioral Biometric System Based On Human Computer Interaction; Escola Superior de Tecnologia de Setúbal, Campo do IPS, Estefanilha, 2914-508 Setúbal, Portugal	
	B	GOULD, S.; A Novel Approach to User Authentication Through Machine Learning of Keyboard Acoustic Emanations; CS229 MACHINE LEARNING FINAL PROJECT – GOULD sgould@stanford.edu	
	C	Mouse movement analyzer: ID someone based on their mouse movements; http://www.halfbakery.com/idea/mouse_20movement_20analyser	
	D	PUSARA, M. et al.; User Re-Authentication via Mouse Movements; VizSEC/DMSEC'04, Proceedings of the 2004 ACM Workshop on Visualization and Data Mining for Computer Security, p 1-8; Washington, DC, USA; October 29, 2004	
	E	Suggested Research Topics: http://csls.pace.edu/~ctapper/research/researchtopics.htm	
	F	PUSARA, M. et al.; User Re-Authentication via Mouse Movements; http://portal.acm.org/citation.cfm?id=1029210	
	G	CLAYPOOL, M. et al.; Implicit Interest Indicators; Computer Science Department, Worcester Polytechnic Institute, MA; IUI'01, January 14-17, 2001, Santa Fe, New Mexico, USA	
	H	YUAN QI et al.; Context-sensitive Bayesian Classifiers and Application to Mouse Pressure Pattern Classification; Media Lab, MIT, Cambridge, MA	
	I	Secure Web Based Mail Services by Keith Pasley, CISSP on 24/01/04; http://www.infosecwriters.com/texts.php?op=display&id=142	
↓	J	DAVIS, D. et al.; On user choice in graphical password schemes; Proceedings of the 13th USENIX Security Symposium p. 151-63; USENIX Association, Berkeley, CA, USA; 2004	

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04/01/2004

First Named Inventor

Jacobson

Art Unit

2173

Examiner Name

Unassigned

Attorney Docket Number

JACO0001

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PK	K	ABHIJIT RAO; Inception of Relation-based User Authentication system coupled with User Behavior Analysis; Manipal Institute of Technology, Manipal, Karnataka, India; ITG Publication, December 2001: 4.1; http://www.internetg.org/newsletter/dec01/article_rao.html	
	L	JERMYN, I. et al.; The Design And Analysis of Graphical Passwords; March 8, 1999; Department of Computer Science, New York University, USA; Jermyn@cs.nyu.edu	
	M	MOYLE, M. et al.; A Flick in the Right Direction: An Evaluation of Simple Gesture Based Controls; November 2, 2001	
	N	MOYLE, M. et al.; Analysing Mouse and Pen Flick Gestures; Human-Computer Interaction Lab, Department of Computer Science, University of Canterbury, Christchurch, New Zealand; 2002	
	O	Google Search: user authentication and mouse movement; 09/15/2006 01:47 PM;	
	P	MINGZHE ZHU; A World Wide Web Based Server for Technology Transfer and Remote Collaboration; Thesis, B.E., Tsinghua University, Beijing, 1988; M.E., Tsinghua University, Beijing, 1993; Submitted to University of Illinois at Urbana-Champaign, 1996	
↓	Q	HOWE, JEFF; Wired Magazine; "That Doesn't Even Look Like My Typing"; June 2005	
	R		
	S		
	T		

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First Named Inventor	Dov Jacobson
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Sheet 1 of 1

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